TABLE OF CONTENTS

	PAGE
A Comparative Study of Conidial Formation in Cephalosporium and Some Related Hyphomycetes.....M. Elizabeth Pinkerton	1– 68
A Study of the Genus Helicogloea..Gladys E. Baker	69–128
Morphology, Physiology and Cytology of *Syringospora inexorabilis (Monilia inexorabilis)*....Carroll W. Dodge and Morris Moore	129–150
Transitional Pitting in Tracheids of Psilotum ..... John Adam Moore and Henry N. Andrews, Jr.	151–158
An Experimental Study of Hybridization in the Genus Apocynum.....Edgar Anderson	159–168
Studies in the Apocynaceae. IV. The American Genera of Echitoideae (Concluded) .....Robert E. Woodson, Jr.	169–438
A New Sequoioxylon from Florissant, Colorado.....Henry N. Andrews, Jr.	439-446
Field and Herbarium Studies, IV..... .....Louis O. Williams	447–456
The Species Problem in Iris.....Edgar Anderson	457–509
Hybridization in American Tradescantias .....Edgar Anderson	511–525
The Effect of Environment upon the Production of Sporangia and Sporangiola in *Blakeslea trispora* Thaxter.....David Goldring	527–542
New Organisms of Chromomycosis..... ....Morris Moore and Floriano Paulo de Almeida	543–552

New Genera of Cladochytriaceae.....
.....George Zebrowski 553–564

Hydnangium and Related Genera.....
.....Carroll W. Dodge and Sanford M. Zeller 565-598

Elasmomyces, Arcangeliella, and Macowanites.....Sanford M. Zeller and Carroll W. Dodge 599–638

Melanogaster .....
.....Sanford M. Zeller and Carroll W. Dodge 639–655

General Index to Volume XXIII..... 657-662